ABSTRACT

A method and system of interprocess communication bypasses the connection oriented protocol associated with an interprocess communication facility when the client and server are local, and thus the communication oriented protocol is unnecessary. The system determines if a client is local to a server and forms a conventional connection oriented protocol connection between the client and the server. If the client and server are local, connection oriented protocol and its associated overhead are not necessary, and the system sets pointers directly from the server socket to the client socket and from the client socket to the server socket. Thus, data may be transferred directly between client and server sockets without using connection oriented protocol, and a higher throughput is obtained. Alternatively, if the client and server are not local, data is transferred via a conventional connection oriented protocol connection. Therefore, the method and system support both local and remote connections.

RALLIB01:579627.1